

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/051531

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C243/28 A61K31/16 A61P19/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
1 A	US 6 235 780 B1 (TANI KOUSUKE ET AL) 22 May 2001 (2001-05-22) cited in the application the whole document	1-38
2 A	WO 01/46140 A (KE HUAZHU ; PFIZER PROD INC (US); CAMERON KIMBERLY O KEEFE (US); LEFKE) 28 June 2001 (2001-06-28) cited in the application the whole document	1-38
3 A	US 5 281 590 A (HUSA ROBERT K ET AL) 25 January 1994 (1994-01-25) the whole document	1-38

☐

Further documents are listed in the continuation of box C.

☒

Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

13 January 2005

Date of mailing of the international search report

25/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Goetz, G

INTERNATIONAL SEARCH REPORT

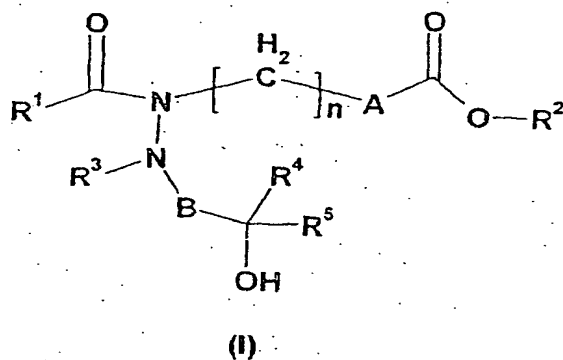
International application No.

PCT/EP2004/051531

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention relates to hydrazide derivatives of Formula I notably for use as pharmaceutically active compounds, as well as to pharmaceutical formulations containing such hydrazide derivatives. Said hydrazide derivatives are useful in the treatment of preterm labor, dysmenorrhea, fertility disorders, asthma, hypertension, undesired blood clotting, preeclampsia, eclampsia, an eosinophil disorder, undesired bone loss, renal dysfunction, an immune deficiency disorder, ichthyosis, elevated intraocular pressure, infertility, sexual dysfunction, gastric ulcers and inflammatory disorders.

Formula (I):



INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/051531

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 19 to 27 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051531

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6235780	B1	22-05-2001	AT 218544 T 15-06-2002
		DE 69901658 D1 11-07-2002	
		DE 69901658 T2 21-11-2002	
		DK 974580 T3 30-09-2002	
		EP 0974580 A1 26-01-2000	
		ES 2178352 T3 16-12-2002	
		JP 2000095755 A 04-04-2000	
		KR 2000011866 A 25-02-2000	
		PT 974580 T 31-10-2002	
WO 0146140	A	28-06-2001	AT 250575 T 15-10-2003
		AU 1293101 A 03-07-2001	
		AU 763983 B2 07-08-2003	
		AU 7239300 A 28-06-2001	
		BG 106882 A 28-02-2003	
		BR 0016560 A 10-09-2002	
		CA 2329678 A1 22-06-2001	
		CN 1413190 T 23-04-2003	
		CZ 20022048 A3 17-03-2004	
		DE 60005471 D1 30-10-2003	
		DE 60005471 T2 22-04-2004	
		DK 1110949 T3 24-11-2003	
		EE 200200355 A 15-10-2003	
		EP 1110949 A1 27-06-2001	
		ES 2204458 T3 01-05-2004	
		HR 20020537 A2 31-12-2004	
		HU 0005001 A2 28-12-2001	
		WO 0146140 A1 28-06-2001	
		JP 2001181210 A 03-07-2001	
		MX PA02006322 A 13-12-2002	
		NO 20022925 A 18-06-2002	
		PL 356662 A1 28-06-2004	
		PT 1110949 T 31-12-2003	
		SK 8552002 A3 11-09-2003	
		TR 200201643 T2 21-11-2002	
		TR 200301841 T4 21-01-2004	
		US 2001047105 A1 29-11-2001	
		US 2002040149 A1 04-04-2002	
		ZA 200007694 A 20-06-2002	
US 5281590	A	25-01-1994	US 5180720 A 19-01-1993